

**Notice of Allowability**

Application No.

10/735,424

Applicant(s)

BERNARDS ET AL.

Examiner

Art Unit

Mark Kopec

1751

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Amend filed 06/16/06 and Int. Summ. of 11/16/06.
2. ☒ The allowed claim(s) is/are 1-9.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All b) ☐ Some\* c) ☐ None of the:  
1. ☐ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).


\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.  
(a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached  
1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.  
(b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of  
Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

  
Mark Kopec  
Primary Examiner

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The amendment filed 06/16/06 is entered.

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

**Cancel** non-elected claims 38-46.

At **page 4** of the **specification**, after paragraph (0014) add:

--The claimed composition may further contain 0.01 to 10% by weight of a water dispersible binding agent selected from the group consisting of mono- and polysaccharides. Monosaccharide binding agents contemplated for use herein include tetroses, pentoses, and hexoses. Polysaccharide (which for the present purposes includes disaccharide and higher saccharide) binding agents contemplate for use herein include sucrose (from beets, sugarcane, or other sources), maltose, fructose, lactose, stachyose, maltopentose, dextrin, cellulose, corn starch, other starches, and polysaccharide gums. Polysaccharide gums contemplated for use herein include agar, arabic, xanthan (for example, KELZAN industrial grade xanthan gum, available from the Kelco Div. of Merck & Co, Inc. of Rahway, N.J.), pectin,

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alginate, tragacanth, dextran, and other gums. Derivative polysaccharides contemplated for use herein include cellulose acetates, cellulose nitrates, methylcellulose, and carboxymethylcellulose. Hemi-cellulose polysaccharides contemplated for use herein include d-gluco-d-mannans, d-galacto-d-gluco-d-mannans, and others.--.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Yufeng Ma on 11/16/06.

The following is an examiner's statement of reasons for allowance:

The instant claims are allowed for the reasons set forth by applicant in the response filed 06/16/06.

Newly cited Maxwell et al (6,811,821) discloses a method of preventing a material from adhering to a surface. In a preferred embodiment, the material comprises weld spatter and the surface is located near a welding operation. The method comprises coating the surface with a slurry comprising a mineral material in water (Abstract). The reference teaches various ingredients including Natrosol 330 (modified hydroxyethylcellulose), corrosion inhibitor (J-0806) and graphite/carbon black/ceramic pigment (Col 4-6). The reference, however, does not disclose or fairly suggest the instantly claimed compositions containing

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specific amounts of graphite, water dispersible binding agent (mono- and polysaccharides) and corrosion inhibitor.

Additionally, the reference is not in applicant's field of applicant's endeavor or reasonably pertinent to the particular problem with which the inventor was concerned.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mark Kopec whose telephone number is (571) 272-1319. The examiner can normally be reached on Monday - Friday from 9:30 AM to 6:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Douglas McGinty can be reached on (571) 272-1029. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



Mark Kopec  
Primary Examiner  
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MK

November 16, 2006